

BSc. /Master Topic

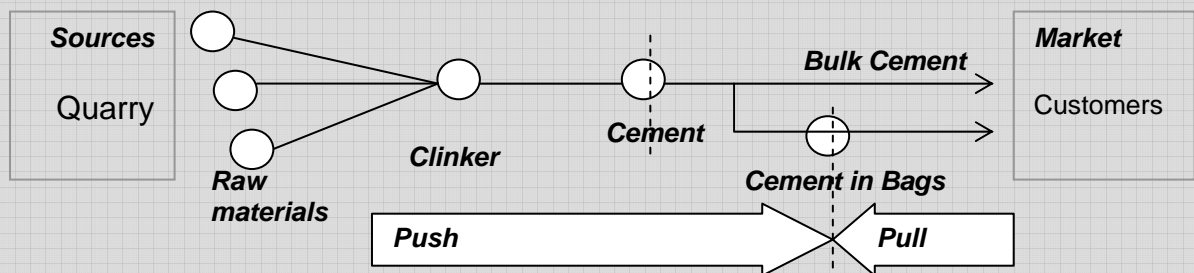
Feasibility of Pull-Push system

in Cement-Concrete logistic Chains

Every cement company develops its own supply chain strategy to improve the profitability, sustainability, quality and customer satisfaction and to reduce costs, delivery time and emissions.

All of these mentioned aspects (and more) are related directly to an optimal framework of Supply Chain Management.

*Make To Stock is the common used concept in cement industry.
Configure To Order is strongly recommended to be the feasible concept.*



The following tasks should be done:

1. Search in the nature cement-concrete supply chains.
2. Identify the chain values, algorithms and techniques.
3. Construct the target model.
4. Animate the model by moving the chain's boundaries in several scenarios.
5. Discuss the feasibility of these alternatives.

Prof. Dr.-Ing. B. Noche

Remarks:

- Experience Programming and mathematical modelling is essential...
- Research in English

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